

**METHOD AND APPARATUS FOR NOTIFICATION OF USER WHEN CHANGES
HAVE OCCURRED IN COMPLEX DERIVATIONS OF DATA****ABSTRACT OF THE DISCLOSURE**

A system and method which monitor system attributes specified by a client and report the existence of a specified condition in such attributes to the client. A system and method allow a client to specify a particular condition of a system attribute of which the client desires to be notified, and the system and method derive data about the system attribute and notify the client upon detecting the existence of the specified condition. In a preferred embodiment, a reporting application receives a request from a client that specifies a query or view, which is used by the reporting application in deriving data and notifying the client of the existence of a specific condition of an attribute. The reporting application derives data about the system according to the specified query to determine if the specified condition exists, and upon determining that the condition exists, the reporting application notifies the requesting client. That is, by executing the specified query the reporting application can derive data about a system attribute to determine whether the specified condition exists. Thus, a request from the client can tailor the query of the system for the client's specific interests. Therefore, the client can specify the exact condition of an attribute in which the client is interested, which can be utterly idiosyncratic for the client, and the reporting application can derive data about the system and notify the client of the existence of a specified condition, such as a particular change in a system attribute.